

University of North Alabama
Departmental Syllabus
(revised Spring 2008)

CS 335 *New Developments in Programming*

Course Description: (3 semester hours) Introduction to a programming language of current interest. Problem solving appropriate to the selected language.

Prerequisite: CS 255

Course Objectives:

1. software development and problem solving in the language of choice.
2. knowledge of the algorithmic tools of the chosen language.
3. knowledge of the data structures available in the chosen language.
4. knowledge of the programming paradigm of the chosen language.

Course Content: Will vary with language chosen, but will include:

1. The history of the language
2. The algorithmic tools of the language.
3. The data structures of the language.
4. Problem solving using the tools available in the language.

Course Requirements:

1. Class attendance
2. In class tests
3. Programming assignments
4. Comprehensive final

Course Evaluation: Grading is a weighted average of scores earned on in-class tests, programming assignments and the final examination.

Disability:

In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the University offers reasonable accommodations to students with eligible documented learning, physical and/or psychological disabilities. Under Title II of the Americans with Disabilities Act (ADA) of 1990 and Section 504 of the Rehabilitation Act of 1973, a disability is defined as a physical or mental impairment that substantially limits one or more major life activities as compared to an average person in the population. It is the responsibility of the student to contact Developmental Services prior to the beginning of the semester to initiate the accommodation process and to notify instructors within the first three class meetings to develop an accommodation plan. Appropriate, reasonable accommodations will be made to allow each student to meet course requirements, but no fundamental or substantial alteration of academic standards will be made. Students needing assistance should contact Developmental Services.